Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A demodulation apparatus for mobile communication having capability of cyclically selecting signals that meet a predetermined condition out of a plurality of incoming signals ~~incoming~~ that travel via different paths, combining the incoming signals to obtain combined signals, and outputting the combined signals, comprising:

~~the apparatus comprises~~ threshold setting means; and

signal selecting means for comparing ~~an incoming signal~~ each of said incoming signals with a threshold set by said threshold setting means and for selecting said ~~compared signal~~ incoming signals according to the result of said comparison ~~result~~ even if said ~~signal does~~ incoming signals do not meet said predetermined condition,

2. (Currently Amended) A demodulation apparatus for mobile communication according to claim 1, wherein said threshold setting means sets the threshold based on a correlation value information for said incoming signals selected in ~~the~~ a previous cycle.

3. (Currently Amended) A demodulation apparatus for mobile communication according to claim 1, wherein said threshold setting means sets the threshold based on correlation value information for said incoming signals selected in ~~the~~ a current cycle.

4. (Currently Amended) A demodulation apparatus for mobile communication according to claim 1, wherein said signal selecting means selects

signals that are signals of path locations different from path locations of ~~the~~ said incoming signals selected in ~~the~~ a previous cycle and that are equal to or above the threshold.

5. (Currently Amended) A demodulation apparatus for mobile communication according to claim 1, wherein said threshold setting means sets the threshold based on the maximum peak value of ~~the~~ said incoming signals selected in ~~the~~ a previous cycle.

6. (Original) A demodulation apparatus for mobile communication according to claim 1, wherein said threshold setting means sets the threshold as a fixed value.

7. (Original) A demodulation apparatus according to claim 1, wherein said threshold setting means sets the threshold based on the maximum peak value obtained by calculation of a delay profile.

8. (Original) A demodulation apparatus for mobile communication according to claim 1, wherein said threshold setting means sets the threshold based on an average of values other than a detected peak value by calculation of a delay profile.

9. (Currently Amended) A demodulation method for mobile communication providing capability of cyclically selecting signals that meet a predetermined condition out of a plurality of incoming signals ~~incoming~~ that travel via different paths, combining the incoming signals to obtain combined signals, and outputting the combined signals, comprising:

a first step of setting a threshold; and

a second step of comparing ~~an incoming signal~~ each of said incoming signals with a threshold set by said first step and selecting said ~~compared signal~~ incoming signals according to ~~said comparison result~~ a result of said comparing

even if said ~~signal does~~ incoming signals do not meet said predetermined condition.

10. (Currently Amended) A demodulation method for mobile communication according to claim 9, wherein said first step comprises setting the threshold based on a correlation value information for said incoming signals selected in ~~the~~ a previous cycle.

11. (Currently Amended) A demodulation method for mobile communication according to claim 9, wherein said first step comprises setting the threshold based on a correlation value information for said incoming signals selected in ~~the~~ a current cycle.

12. (Currently Amended) A demodulation method for mobile communication according to claim 9, wherein said second step comprises selecting signals that are signals of path locations different from path locations of ~~the~~ said incoming signals selected in the previous cycle and that are equal to or above the threshold.

13. (Original) A demodulation method for mobile communication according to claim 9, wherein said first step comprises setting the threshold based on the maximum peak value of the signals selected in the previous cycle.

14. (Original) A demodulation method for mobile communication according to claim 9, wherein said first step comprises setting the threshold as a fixed value.

15. (Original) A demodulation method for mobile communication according to claim 9, wherein said first step comprises setting the threshold based on the maximum peak value obtained by calculation of a delay profile.

16. (Original) A demodulation method for mobile communication according to claim 9, wherein said first step comprises setting the threshold based on an average of values other than a detected peak value by calculation of a delay profile.

17. (Currently Amended) A recording medium on which a control program for a demodulation method for mobile communication is recorded, the demodulation method providing capability of cyclically selecting signals that meet a predetermined condition out of a plurality of incoming signals ~~incoming~~ that travel via different paths, combining the incoming signals to obtain combined signals, and outputting the combined signals, wherein

the control program is recorded on the recording medium and comprises a first step of setting a threshold, and a second step of comparing ~~an incoming signal~~ each of said incoming signals with a threshold set by said first step and selecting said ~~compared signal~~ incoming signals according to a result of said comparison ~~result~~ even if said ~~signal does~~ incoming signals do not meet said predetermined condition.

18. (Currently Amended) A recording medium according to claim 17, wherein said first step comprises setting the threshold based on a correlation value information for said incoming signals selected in ~~the~~ a previous cycle.

19. (Currently Amended) A recording medium according to claim 17, wherein said first step comprises setting the threshold based on a correlation value information for said incoming signals selected in ~~the~~ a current cycle.

20. (Currently Amended) A recording medium according to claim 17, wherein said second step comprises selecting signals that are signals of path locations different from path locations of ~~the~~ said incoming signals selected in the previous cycle and that are equal to or above the threshold.

21. (Currently Amended) A recording medium according to claim 17, wherein said first step comprises setting the threshold based on the maximum peak value of ~~the~~ said incoming signals selected in the previous cycle.

22. (Original) A recording medium according to claim 17, wherein said first step comprises setting the threshold as a fixed value.

23. (Original) A recording medium according to claim 17, wherein said first step comprises setting the threshold based on the maximum peak value obtained by calculation of a delay profile.

24. (Original) A recording medium according to claim 17, wherein said first step comprises setting the threshold based on an average of values other than a detected peak value by calculation of a delay profile.

25. (Currently Amended) A demodulation apparatus for mobile communication according to claim 1, wherein said predetermined condition is to detect the ~~pealk~~ peak of said incoming signals at a certain path location for more than once.

26. (Currently Amended) A demodulation apparatus for mobile communication according to claim 1, wherein said signal selecting means ~~sorects~~ selects said ~~cpmpared signal~~ incoming signals if ~~tha level~~ the respective levels of said incoming ~~signal~~ signals is ~~equql~~ equal to or above said threshold.

27. (Currently Amended) A demodulation method for mobile communication ~~accordig~~ according to claim 9, wherein said predetermined condition is to detect the peak of said incoming signals at a certain path location for more than once.

28. (Currently Amended) A demodulation method for mobile communication according to claim 9, wherein said second step selects said ~~compared signal~~ incoming signals if the ~~level~~ respective levels of said incoming ~~signal~~ signals is ~~equal~~ equal to or above said threshold.

29. (Currently Amended) A recording medium according to claim 17, wherein said predetermined condition is to detect the peak of said incoming signals at a certain path location for more than once.

30. (Currently Amended) A recording medium according to claim 17, wherein said second step selects said ~~compared signal~~ incoming signals if the ~~level~~ respective levels of said incoming ~~signal~~ signals is ~~equal~~ equal to or above said threshold.